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Fig. 1

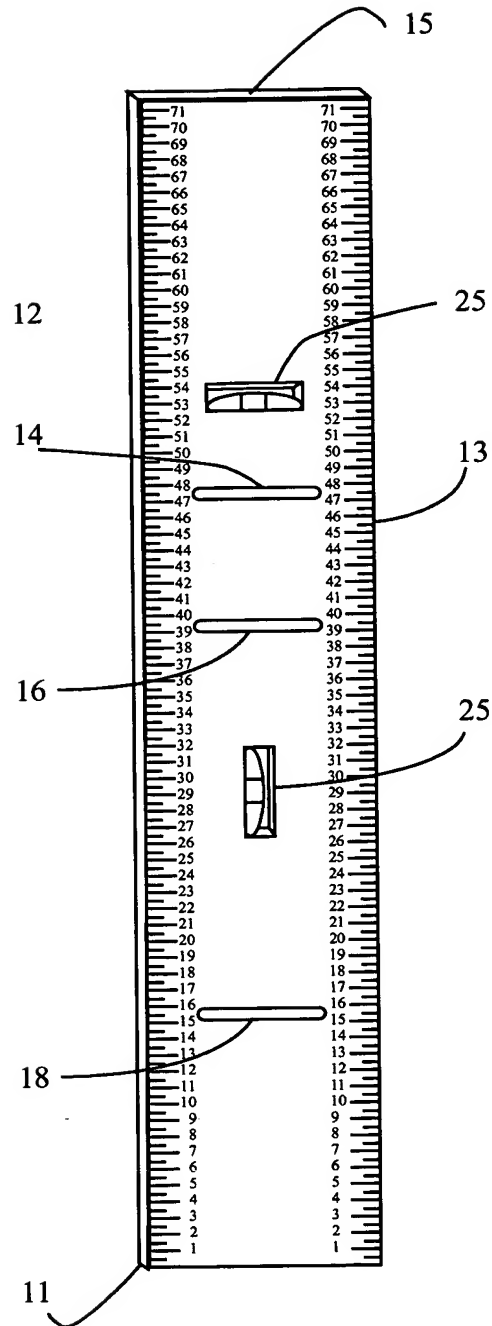


Fig. 2

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| NEC Summary of Branch-Circuit Requirements | | | | | |
|--|------------------------|------------|------------|------------|------------|
| CIRCUIT RATING | 15 Amp | 20 Amp | 30 Amp | 40 Amp | 50 Amp |
| CONDUCTORS: (Min. Size) | | | | | |
| Circuit Wires* | 14 | 12 | 10 | 8 | 6 |
| Taps | 14 | 14 | 14 | 12 | 12 |
| Fixture Wires and Cords | Refer to Section 240-4 | | | | |
| OVERCURRENT PROTECTION | 15 Amp | 20 Amp | 30 Amp | 40 Amp | 50 Amp |
| OUTLET DEVICES: | | | | | |
| Lampholders | Any | Any | Heavy | Heavy | Heavy |
| Permitted Type | Type | Type | Duty | Duty | Duty |
| Receptacle | 15 Max. | 15 or 20 | 30 | 40 or 50 | 50 |
| Rating** | Amp | Amp | Amp | Amp | Amp |
| MAXIMUM LOAD | 15 Amp | 20 Amp | 30 Amp | 40 Amp | 50 Amp |
| PERMISSIBLE LOAD | | | | | |
| Refer to section | 210-23 (a) | 210-23 (a) | 210-23 (b) | 210-23 (c) | 210-23 (c) |
| *These gauges are for copper conductors. | | | | | |
| **For receptacle rating of cord-connected electric-discharge lighting fixtures, see Section 410-30(c). | | | | | |

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Fig. 3

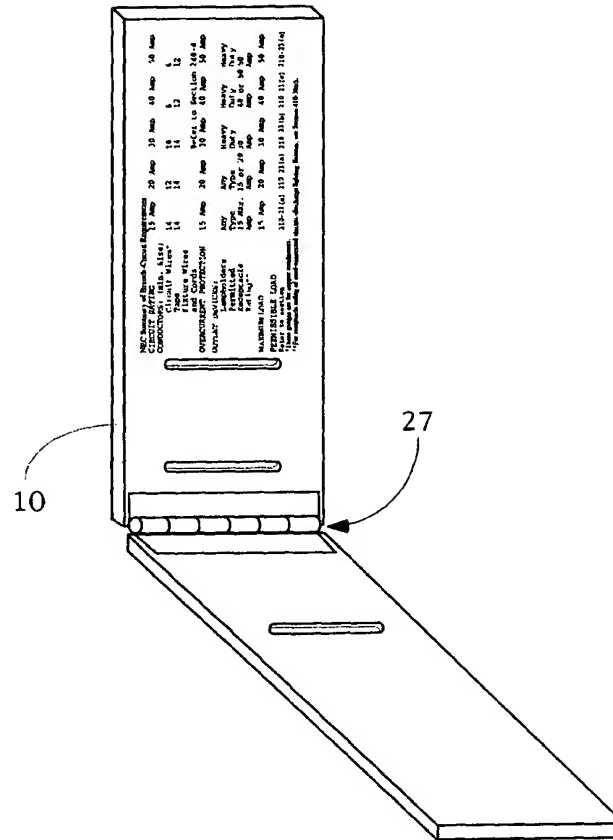


Fig. 4

